

Notice of Allowability

Application No.

10/761,772

Applicant(s)

MCCALL ET AL.

Examiner

Art Unit

Lam P. Pham

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Interview on 11/20/07.
2. ☒ The allowed claim(s) is/are 11-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jerry Mahurin on November 20, 2007.

The application has been amended as follows:

Claim 17 (Currently Amended) A motion detection method in a tire monitor configured for mounting on a vehicle in a remote tire monitoring system including a receiver, the method comprising:

detecting an output signal of a shock sensor by alternately detecting an output signal of a first shock sensor and detecting an output signal of a second shock sensor;
based on the output signal, making a current motion conclusion;
testing a last saved motion conclusion; and
if the current motion conclusion matches the last saved motion conclusion,
transmitting data from the tire monitor for reception by the receiver.

Allowable Subject Matter

2. Claims 11-17 are allowed.

In the field of vehicle tire monitoring system, there is no reference in prior art fairly teach or suggest a motion detection method in a tire monitor comprising the step:

if the motion decision counter exceeds a threshold, transmitting the data from the tire monitor and entering a low power sleep mode before again detecting the output signal of the shock sensor in the manner claimed as found in claim 11.

In the field of vehicle tire monitoring system, there is no reference in prior art fairly teach or suggest a motion detection method in a tire monitor comprising the step:

if the current motion conclusion does not match the last saved motion conclusion, entering a low power sleep mode before again detecting the output signal of the shock sensor in the manner claimed as found in claim 12.

In the field of vehicle tire monitoring system, there is no reference in prior art fairly teach or suggest a motion detection method in a tire monitor comprising the combination of steps in the manner claimed as found in claims 14 and 15.

In the field of vehicle tire monitoring system, there is no reference in prior art fairly teach or suggest a motion detection method in a tire monitor comprising the steps of:

detecting an output signal of a shock sensor by alternately detecting an output signal of a first shock sensor and detecting an output signal of a second shock sensor;

if the current motion conclusion matches the last saved motion conclusion, transmitting data from the tire monitor for reception by the receiver in the manner claimed as found in claim 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lam P. Pham whose telephone number is 571-272-2977. The examiner can normally be reached on 10AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J. Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number:
10/761,772
Art Unit: 2612

Page 5

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

November 20, 2007.

Lam P Pham
Examiner
Art Unit 2612


BENJAMIN C. LEE
PRIMARY EXAMINER